

Lower Merrimack River Water Quality Assessment, 2004 Final 305(b) Report and 303(d) List

Notes:

1. Data from the 2004 Final 305(b) Report and 303(d) List.
2. This list is a sub-set of the data from the 2004 Final 305(b) Report and 303(d) List.
3. See the Consolidated Assessment and Listing Methodology (CALM) for definitions and details regarding how the 305(b) Report and 303(d) List were developed <<http://www.des.state.nh.us/WMB/swqa/2004/>>.
4. TMDL stands for Total Maximum Daily Load study.
5. This list is sorted by Waterbody Type, Assessment Unit Name, and then Assessment Unit ID.
6. Impairment Categories:
 - 4B - Impaired or threatened for one or more designated uses but does not require the development of a TMDL because other pollution control requirements are reasonably expected to result in attainment of the water quality standard in the near future.
 - 4C - Impaired or threatened for one or more designated uses but does not require the development of a TMDL because the impairment is not caused by a pollutant.
 - 5 - Impaired or threatened for one or more designated uses by a pollutant(s), and requires a TMDL (this is the 303(d) List).
7. Waters on this list intersect the quarter miles buffer of the designated river reach.
8. An ArcGIS mapping application is available at <www.des.nh.gov/WMB/swqa/2004/default.asp?go=aboutAUs>. Select "2004 - GIS Method for Finding the Location of a Surface Water, its AUID and Its Assessment Status." The help button in the upper right corner will lead you to guidance on use of the site.

WATER TYPE: Impoundment

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Salmon Brook	Nashua	12.5 acres	NHIMP700061201-04	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
UNKNOWN RIVER - FIRE POND	Hudson	0.35 acres	NHIMP700061206-05	Aquatic Life	Not Assessed			

WATER TYPE: Impoundment

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
UNKNOWN RIVER - FIRE POND	Hudson	0.35 acres	NHIMP700061206-05	Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			

WATER TYPE: Lake

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
HORSESHOE POND	Merrimack	37.1 acres	NHLAK700061002-03	Aquatic Life	Not Supporting	Non-Native Aquatic Plants	Source Unknown	
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Supporting	Cyanobacteria hepatotoxic microcystins	Source Unknown	2017
				Secondary Contact Recreation	Fully Supporting			
				Wildlife	Not Assessed			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
CHASE BROOK - LITTLE NESENHEAG BROOK	Litchfield	1.06 miles	NHRIV700061002-09	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
Colby Brook	Litchfield	1.7 miles	NHRIV700060804-10	Wildlife	Not Assessed			
				Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
First Brook	Hudson	0.78 miles	NHRIV700061206-07	Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
				Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule		
First Brook	Hudson	0.78 miles	NHRIV700061206-07	Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017		
				Primary Contact Recreation	Not Assessed					
				Secondary Contact Recreation	Not Assessed					
				Wildlife	Not Assessed					
Merrimack River	Merrimack	5.74 miles	NHRIV700060804-11	Aquatic Life	Not Assessed		Atmospheric Depositon - Toxics	2017		
				Drinking Water After Adequate Treatment	Fully Supporting					
				Fish Consumption	Not Supporting	Mercury				
				Primary Contact Recreation	Not Supporting	Escherichia coli			Combined Sewer Overflows	2016
				Secondary Contact Recreation	Not Assessed					
				Wildlife	Not Assessed					
	Nashua	3.83	NHRIV700061002-13	Aquatic Life	Not Assessed		Atmospheric Depositon - Toxics	2017		
				Drinking Water After Adequate Treatment	Fully Supporting					
				Fish Consumption	Not Supporting	Mercury				
				Primary Contact Recreation	Not Supporting	Escherichia coli			Combined Sewer Overflows	2016
				Secondary Contact Recreation	Not Assessed					
				Wildlife	Not Assessed					
Nashua	3.53	NHRIV700061002-14	Aquatic Life	Not Assessed						

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Merrimack River	Nashua	3.53 miles	NHRIV700061002-14	Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
		4.88	NHRIV700061206-24	Aquatic Life	Not Supporting	pH	Source Unknown	2016
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Supporting	Escherichia coli	Combined Sewer Overflows	2017
				Secondary Contact Recreation	Fully Supporting			
				Wildlife	Not Assessed			
Nashua River	Nashua	1.3 miles	NHRIV700040402-09	Aquatic Life	Not Supporting	Non-Native Aquatic Plants	Source Unknown	
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Supporting	Escherichia coli	Combined Sewer Overflows	2017

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Nashua River	Nashua	1.3 miles	NHRIV700040402-09	Secondary Contact Recreation	Insufficient Information			
				Wildlife	Not Assessed			
Naticook Brook	Merrimack	2.58 miles	NHRIV700061002-02	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
Nesenkeag Brook	Litchfield	0.39 miles	NHRIV700061002-06	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
Pennichuck Brook	Merrimack	0.84 miles	NHRIV700061001-10	Aquatic Life	Insufficient Information			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Pennichuck Brook	Merrimack	0.84 miles	NHRIV700061001-10	Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
Reeds Brook	Hudson	2.05 miles	NHRIV700061002-12	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
Salmon Brook	Nashua	0.29 miles	NHRIV700061201-07	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Salmon Brook	Nashua	0.29 miles	NHRIV700061201-07	Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
Sebbins Brook	Bedford	6.54 miles	NHRIV700060804-01	Aquatic Life	Insufficient Information			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
SECOND BROOK	Hudson	1.69 miles	NHRIV700061206-10	Aquatic Life	Insufficient Information			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
Souhegan River	Merrimack	0.23 miles	NHRIV700060906-25	Aquatic Life	Not Assessed			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Souhegan River	Merrimack	0.23 miles	NHRIV700060906-25	Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
Spit Brook	Nashua	0.4 miles	NHRIV700061206-17	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
UNNAMED BROOK - FROM FIRE POND TO MERRIMACK RIVER	Hudson	0.21 miles	NHRIV700061206-12	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
UNNAMED BROOK - FROM FIRE POND TO MERRIMACK RIVER	Hudson	0.21 miles	NHRIV700061206-12	Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
UNNAMED BROOK - THRU LEACH ICE POND TO MERRIMACK RIVER	Litchfield	1.33 miles	NHRIV700060804-09	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
UNNAMED BROOK - TO FIRE POND	Hudson	1.04 miles	NHRIV700061206-11	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
UNNAMED BROOK - TO FIRE POND	Hudson	1.04 miles	NHRIV700061206-11	Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
UNNAMED BROOK - TO MERRIMACK RIVER	Merrimack	0.49 miles	NHRIV700060804-03	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
	Londonderry	1.11	NHRIV700060804-06	Wildlife	Not Assessed			
				Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
UNNAMED BROOK - TO MERRIMACK RIVER	Litchfield	1.05 miles	NHRIV700061002-10	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
	Hudson	1.17	NHRIV700061002-11	Wildlife	Not Assessed			
				Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
		1.03	NHRIV700061206-13	Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
				Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
UNNAMED BROOK - TO MERRIMACK RIVER	Hudson	1.03 miles	NHRIV700061206-13	Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
	Nashua	1.06	NHRIV700061206-14	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
UNNAMED BROOKS - TO MERRIMACK RIVER	Litchfield	2.31 miles	NHRIV700061002-03	Aquatic Life	Not Assessed			
				Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			
Watts Brook	Londonderry	3.54 miles	NHRIV700060804-08	Aquatic Life	Insufficient Information			

WATER TYPE: River

Assessment Unit Name	Primary Town	Size	Assessment Unit ID	Use Description	Attainment	Impairment Name	Source Name	TMDL Schedule
Watts Brook	Londonderry	3.54 miles	NHRIV700060804-08	Drinking Water After Adequate Treatment	Not Assessed			
				Fish Consumption	Not Supporting	Mercury	Atmospheric Depositon - Toxics	2017
				Primary Contact Recreation	Not Assessed			
				Secondary Contact Recreation	Not Assessed			
				Wildlife	Not Assessed			